

L 3758-66 EWP(t)/EWP(b) IJP(c) JD/JG

CZ/0034/65/000/001/0073/0073
29
BB

ACC NR: AP5027869

AUTHOR: Horak, J. (Engineer, Doctor); Friedrich, V. (Engineer)

TITLE: Method for treating red slimes in Al manufacture for recovery of contained metals, mainly vanadium

SOURCE: Hutnické listy, no. 1, 1965, 73

TOPIC TAGS: metal melting, slag, iron, aluminum, vanadium

ABSTRACT: The article is an abstract of Czechoslovak Patent Application Class 40a, 55/00, PV 4468-63, dated 5 Aug. 1963. The slime presents a disposal problem. The slimes are heated under reducing conditions in a furnace, where they are melted while the basicity of the slag is maintained at 0.90 to 1.40. Reduced iron containing up to 1% of V is discharged from the furnace in a molten state, and is oxidized after discharge.

ASSOCIATION: none

SUBMITTED: 05Aug63

NR REF Sov: 000

ENCL: 00

OTHER: 000

SUB CODE: MM

JPRS

OC
Card 1/1

L 21451-66 EWP(t) IJP(c) JD

ACC NR: AP6011966

SOURCE CODE: CZ/0057/65/000/003/0117/0118

AUTHOR: Friedrich, Vilem (Engineer)

ORG: SKVT, Prague

TITLE: Vacuum treatment of steel at the Chelyabinsk Metallurgical Works

SOURCE: Hutnik, no. 3, 1965, 117-118

TOPIC TAGS: vacuum degassing, steel

ABSTRACT: Vacuum of 4-5 mm Hg abs. is used in a vacuum installation with a capacity of 100 tons of steel per charge. The results of removal of gases and of occlusions are not satisfactory. When deoxidized steel is used, H_2 content is decreased by 30 - 50%, but the amount of occlusions is not reduced. Vacuum treatment interferes with S removal and the MgO content is increased. Changing the method used for deoxidizing is recommended. Orig. art. has: 1 figure and 4 tables. [JPRS]

SUB CODE: 11 / SUBM DATE: none

Card 1/1 dta

26
B

I 34941-66 EWP(t)/ETI IJP(c) JD
ACC NR: AP6026603

SOURCE CODE: CZ/0057/65/000/012/0532/0533

23

B

AUTHOR: Friedrich, Vilem (Engineer)

ORG: SKVT, Prague

TITLE: Experience gained in exhausting and purifying waste gases from electric arc furnaces

SOURCE: Hutnik, no. 12, 1965, 532-533

TOPIC TAGS: arc furnace, metallurgic process, gas engineering, metallurgic machinery

ABSTRACT: The article describes experience gained with two 80 ton furnaces that are in operation at the works at Nova Lipa. The system uses quenching of the waste gases from 1600°C by direct injection of water to 300-400°C and subsequent purification by passing through a Venturi throat and a cyclonic scrubber. In the scrubber the gases are washed by a system of water jets. Orig. art. has: 2 figures and 2 tables.

JPRS: 34,519
SUB CODE: 13, 11 / SUBM DATE: none

Card 1/1 dy

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIEDRICH, Vilem, inz.

Niobium. Hut listy 12 no. 6: 549-554 Je '57.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIEDRICH, V.

Automation of the 75 t wagon weighing machine for coal loads.
Automatizace 7 no.2: 50 F'64

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

FRIEDRICH, Vilem, inz.

Continuous temperature measurement of fluid steel, a basic condition of complex automation of metallurgic processes. Automatizace 7 no. 4: 110 Ap '64.

ACC NR: AP6015714 (A,N) SOURCE CODE: UR/0413/66/000/009/0126/0126

INVENTOR: Ol'khovskiy, G. G.; Fridrikh, A. M.

ORG: None

TITLE: Gas turbine unit. Class 46, No. 181449 [announced by the All-Union Heat Engineering Scientific Research Institute im. F. E. Dzerzhinskiy (Vsesoyuznyy teplo-tehnicheskiy nauchno-issledovatel'skiy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztay, tovarnyye znaki, no. 9, 1966, 126

TOPIC TAGS: gas turbine engine, engine auxiliary equipment, engine compressor system, engine control system

ABSTRACT: This Author's Certificate introduces a gas turbine unit which contains an antistall line for permitting the passage of compressed air from the compressor into the gas-air duct preceding the compressor or following the turbine. The available energy of the flowing air is used by equipping the antistall line with injection and ejection units at the intake of the gas-air duct.

SUB CODE: 21/ SUBM DATE: 08Dec64

Card 1/1

UDC; 621.438

FRIEJUNG, H.

FRIEJUNG, H. Methods for measuring labor productivity in the consumers' goods industry.
p. 291.

Vol. 6, No. 12, Dec. 1956.

SYNTHETIC FIBERS.

TECHNOLOGY

Praha, Czechoslovakia

Sc: East European Accession, Vol. 6, No. 3, March 1957

FRIELING, Heinrich, dr., docens

Light and color in the workplace. Villamosag 11 no.5:
136-142 My '63.

1. Muncheni Szinpszichologiai Intezet; International Association
of Color Consultants alelnöke.

Fricm, J.

✓ 6. SHAFT SINKING BY THE DROP SHAFT PROCESS IN THE SOUTH MORAVIAN Lignite
FIELD. Fricm, J. and Karlik, V. (Uhl) (Coral, Prague), 1955, vol. 5, (9),
290-296; abstr. In Gluckauf, 7 Jan. 1956, vol. 92, 72).

FRIES, J.

E Z E C U

The Decline in the Thickness of Open-Hearth Furnace Roofs During a Campaign, and Methods of Determining It. M. Wald and J. Fries. (*Hutnické Listy*, 1854, 9, (10), 514-601). [In Czech.] Experiments on the determination of the thickness of silica and magnesite roofs, carried out with instruments of new design, are described. In one method several thermocouples were used to measure the external roof temperatures in a given region, while the roof thickness was continuously

measured by using the previously established relation between roof thickness and outer roof temperature. In the second method the thickness was ascertained by wire hooks inserted through slits in the roof.—F. F.

DOBO, Janos (Budapest, XIV., Hungaria korut 114); FRIESE, Klaus (Leipzig
05, Permoserstrasse 15, German Democratic Republic)

Data on the radiochemical polymerization of cetyl methacrylate;
a short communication. Acta chimica Hung 32 no.2:253-254 '62.

1. Forschungsinstitut fur die Plastindustrie, Budapest, und
Institut fur Chemie und Technologie der Plaste, Leipzig.

L 52501-65 EWG(j)/EPF(c)/EPF(n)-2/EPR/EWP(j)/I/EWA(h)/EWA(1) Pg-4/Pr-4/Ps-4/Fet/
ACCESSION NR: AF5009160 Pu-4 RPL WW/GG/JAJ/ G/0004/65/012/003/0144/0148
RM

AUTHOR: Friese, K. (Doctor)

TITLE: Radiochemical graft polymerization of various methacrylic esters on a polyethylene base

SOURCE: Plaste und Kautschuk, v. 12, no. 3, 1965, 144-148.

TOPIC TAGS: graft polymerization, graft polymer, radiation polymerization, polyethylene, irradiation, monomer, polymer

ABSTRACT: The article reports on the graft polymerization of the monomers methyl-, n-propyl, n-butyl, n-hexyl-, n-octyl-, and cetylmethacrylate on high-pressure polyethylene foil. The investigation was undertaken because the many studies which have been made of graft polymerization have not succeeded in clarifying the kinetics of this reaction, and it seemed for this reason of interest to investigate the grafting rate in a homologous series of monomers in which the diffusion rate, as well as the "polymerization proneness," are continuously changing. The well-known radiochemical method of graft polymerization was used, including the simultaneous irradiation of the polymer and monomer as well as the preliminary irradiation of

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L 52501-68

ACCESSION NR: AP5009160

3

the polymer in the presence of oxygen, with ultimate complete grafting of the monomer as a result of temperature increase. In the investigation 0.5-mm-thick, high-pressure polyethylene foil which had been pressed between hard chromium-plated sheet metal at a pressure of 5 kp/cm² at a temperature of from 115 to 120°C for 2 min to ensure a smooth, scratch-free surface. The samples measured 12 by 100 mm. The comparison of the grafting rate with the polymerization proneness of the completely grafted monomers gives a good insight into the typical features of the reaction. This investigation was made during a study residence of the author at the Institut fur Kunststoffindustrie, Budapest. "Warm thanks are expressed to Dr. Dobo, director of the Radiation Chemistry Laboratory of this institute, for his support of this study." Orig. art. has: 2 tables and 23 figures.

ASSOCIATION: Institut fur chemische Technologie der Plaste, Leipzig (Institute of Chemical Technology)

SUBMITTED: 10Sep64

ENCL: 00

SUB CODE: OC, GC

NO REF Sov: 000

OTHER: 008

Card 44
2/2

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIGANOVIC, M.

Zirje Island; a contribution to the knowledge of its physiceographic characteristics.
p. 87. (ZAGREB, No. 34/15, 1952/53.)

SC: Monthly List of East European Accessions, (EEAL, LC, Vol. 4, No. 6, June 1955, Uncl.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

FRIGANOVIC, M.

Increase of general population and the share of urban population in
the U.S.S.R. Geogr hor 6 no.3:51-54 '60.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIGANOVIC, M.

Population and the problem of urban agglomerations in the People's
Republic of China. Geogr hor 7 no.1/2:30-34 '61.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIGANOVIC, M.

"Atlas of the world." Reviewed by M. Friganovic. Geogr glas
24 199 '62.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

FRIGANOVIC, Mladen

Current geographical problems of our islands. Geogr hor 8
no.1/2:30-41 '62.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIGANOVIC, Mladen

The more noteworthy foreign migrations after World War Two. Geogr
hor 8 no.4:1-16 '62.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

VOROB'YEV, Vladimir Grigor'yevich, kand. tekhn.nauk; FRIGER, I.V.,
inzh., red.; FREGER, D.P., red. izd-va; GVIHTS, V.L.,
tekhn. red.

[Preventing deformations of heat-treated parts in the manufacture of machinery and instruments] Preodolenie deformatsii termoobrabatyvayemykh detalei v mashino- i priboro-stroenii; stenogramma lektsii, prochitannoi v LDNTP na zaniatii seminara po metallovedeniu i termicheskoi obrabotke. Leningrad, 1962. 47 p. (Leningradskii dom nauchno-tehnicheskoi propagandy. Seriya: Metallovedenie i termicheskaiia obrabotka, no.8) (MIRA 15:8)
(Metals--Heat treatment)

FRIGOF, R.M., assistent

Use of the quick-setting plastic styrene-acryl in treating fractures
of the mandible. Stomatologija 40 no.3:62-64 My-Je '61. (MIRA 14:12)

1. Iz kafedry chelyustno-litsevoy khirurgii (zav. - prof. N.M.Mikhel'son)
TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D.Kovrigina)
i TSentral'nogo nauchno-issledovatel'skogo instituta ortopedii i
travmatologii (dir. - prof. N.N.Priorov [deceased]).
(DENTAL MATERIALS) (JAWS—FRACTURE)
(PLASTICS)

FRIGOP, R.M., assistant

Conservative method of treating fractures of an edentulous mandible.
Trudy TSIU 64:196-197 '63.

(MUR 17:5)

FRIGYER, Lazlo, dr.; EPER(ENGL), Tivador, dr.

Experiences with roentgenotherapy of carcinoma of the stomach,
esophagus, and colon. Orv hetil 95 no.16:432-435 Ap '54. (REAL 3:8)

1. A Pecsi Tudomanyegyetem I. sz. Belklinika janak (igazgato:
Angyan Janos dr. egyetemi tanar) kozlemenye.

(COLON, neoplasms
*ther., x-ray)
(STOMACH, neoplasms
*ther., x-ray)

(ESOPHAGUS, neoplasms
*ther., x-ray)
(RADIOTHERAPY, in various sites
*cancer of colon, esophagus
& stomach)

FEUER, G.; FRIGYES, A.

Relation of muscular dystrophy in B-avitaminosis to the structural
proteins of muscular tissue. Kiserletes orvostud. 3 no.2:96-104
1951. (CLML 21:1)

1. Medical Chemistry Institute, Budapest University.

FEUER, G.; FRIGYES, A.

Change of adenosinetriphosphatase activity in the case of muscular
dystrophy due to vitamin E deficiency. Acta physiol. hung. 3 no.1:1-13
1952. (CLML 24:3)

1. Of the Institute of Medical Chemistry of Budapest University.

FRIEGYÓS, A.

The influence of the layout and dynamic characteristics of servomechanisms
on the temperature conditions of separately excited d. c. servomotors used in the
servomechanisms.

P. I.I. (FISIKI SIOKA POLYTECHNIC, ELECTRICAL INDUSTRIES) Vol. 1. . . . , 1957
in English, Budapest, Hungary

SC: Monthly Index of East European Accessions (SEAI) LC. Vol. 7, no. 3
March 1958

FRIGYES, A.

2063. MAGNETIC AMPLIFIERS OF CLASSICAL DESIGN.
F.Csaki and A.Frigyes
Elektrotechnika, Vol. 50, No. 8-9, 294-308 (Aug.-Sept., 1957).

In Hungarian.

The operational principles of classical magnetic amplifiers are surveyed. Analytical treatment is given of the performance of such amplifiers, using magnetic materials having a sharp knee at the saturation point. Characteristic curves are shown for feedback arrangements.

L.Csatos

A FRIGYES

2

82. The influence of the layout and dynamic characteristics of servomechanisms on the temperature conditions of separately-excited "d," "c" servomotors used in servomechanisms, (In English) A. Frigyes. Periodica Polytechnica, Electrical Engineering, Vol. 2, 1958, No. 2, pp. 131-153, 8 figs.

When a constant voltage is suddenly applied to a separately excited d. c. motor and assuming ideal no-load conditions the copper loss occurring in the armature during the starting period is equal to the kinetic energy accumulating in the rotor. If the motor is the element of a servomechanism then the steady-state motor speed is set by means of a reference input of speed-changing shape. Under such conditions the Laplace transform of the armature current can be written as a rational fractional function of ρ . The integral of infinite range of the I^2R copper loss can be produced in closed form from the transform of the current applying Raleigh's theorem for Poulter transforms. For judging whether it is worth while to change the layout of a given servomechanism or its parameters in order to reduce the heat stresses of the servomotor the variation calculus method can be used to determine the optimum transfer function at which the heat stress of the motor is at the minimum and the qualitative requirements of the control process are satisfied. Though this optimal transfer function cannot be realized in practice, it furnishes a basis for estimating the extent to which the heat stress really exceeds the theoretical optimum.

328

FRIGYES, Andor

Power conditions of half-wave magnetic amplifiers. Elektrotechnika
51 no.7/9:316-339 '58.

1. "Elektrotechnika" felelos szerkesztoje.

FRIGYES, A.

Power conditions of half-wave magnetic amplifiers. Pt. 2, p. 459.

ELEKTROTECHNIKS. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary,
Vol. 51, No. 10/12, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.
Uncla.

FRIGYES, A. (Budapest, XI, Egry Jozef u.18, Hungary)

About the balancing of half-wave push-pull magnetic amplifiers.
Periodica polytechn electr 4 no.2:55-77 '60. (EEAI 10:4)

1. Department of Special Electrical Machines and Automation,
Polytechnical University, Budapest)
(Magnetic amplifiers)

FRIGYES, Andor, dr., docens, a műszaki tudományok kandidátusa

Automatic control of the synchronous running of paper-making machines.
Electrotechnika 54 no.1/2:13-19 F '61.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

FRIGYES, Andor, dr., docens, muszaki tudomanyok kandidatusa

Educational problems of automation. Meres automat 10
no.11/12:348-352 '62.

1. Merestechnikai es Automatizalasi Tudomanyos Egyesulet
fotitkara.

FRIGYES, Andor, dr.

More important principles of the educational reform and the Instrument and Precision Mechanics Section of the Faculty of Electrical Engineering of the Budapest University of Technical Sciences. Meres automat II.
no.2:33-35 '63.

1. Budapesti Muszaki Egyetem Villamosmernoki Kara dekanhelyettese.

FRIGYES, Andor, dr.

Basic principles of the educational reform at the Heavy-
Current Section, Faculty of Electrical Engineering, Budapest
University of Technical Sciences. Elektrotehnika 56 no.3:
89-91 Mr '63.

1. Budapesti Műszaki Egyetem Villamosmérnöki Karanak
dekanhelyettese.

L 44674-66
ACC NR: AP6033124

SOURCE CODE: HU/0012/65/013/009/0261/0266

AUTHOR: Frigyes, Andor--Fridesh, A. (Doctor; Professor)

ORG: Department for Process Control, Budapest Technical University, Budapest
(Budapesti Műszaki Egyetem, Folyamatszabalyozasi Tanszek) 36
B

TITLE: Applications of digital computers in process control

SOURCE: Mérés es automatika, v. 13, no. 9, 1965, 261-266

TOPIC TAGS: digital computer, automation

ABSTRACT: In his lecture, delivered 3 May 1965 at the Fourth National Conference on Automation in Budapest, the author discusses in a general manner the principal applications of digital computers in process control. The following subjects were covered: principles of deterministic control, optimization by means of the gradient method, utilization of computer techniques in optimization, combination deterministic-search techniques, educational programs, and methods for developing the most suitable program for the process involved. Orig. art. has: 8 figures. [JPRS: 33,541]

SUB CODE: 09, 13 / SUBM DATE: none

Card 1/1 XC

UDC: 681.142.523.8,;62.50

0920 0678

FRIGYES, Ervin, dr., foelloado

Most important factors of income distribution in case of workers
and employees. Stat szemle 42 no.7:748-766 Jl '64.

1. National Planning Office, Budapest.

ERIGYES, E.

✓ Relation between the swelling and the shape of rubber test specimens. B. Frigyes and P. Szilárd Magyar Kémiai Folyóirat 60, 377-384 (1957); Hung. Tech. Akad., T., No. 3, 6-7 (1955). — It was proved that the equation $Q_t = Q_\infty [1 - (8/\pi^2)e^{-kt}]$, describing the swelling process as a function of time, is valid for the swelling of specimens of any given shape. The const. k in the equation is characteristic of the rate of swelling and depends on the specific surface area of the specimen. It was proved both theoretically and experimentally that k increases proportionally to the square of the specific surface area, and it is possible to calculate the diffusion const. from this factor.

K. T. 100

4
462c
2 May

WINTER, E.; BUDINCSEVITS, A.; FRIGYES, Eva B.

Formation of solid solutions of alkaline earth metal carbonates.
Acta techn Hung 11 no.1/2:127-142 '62.

1. Research Institute for Technical Physics of the Hungarian
Academy of Sciences.

S/194/62/000/005/156/157
D271/D308

AUTHORS: Frigyes, I., and Völgyessi, S.

TITLE: Medium waves switch

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 5, 1962, abstract 5-7-336 f (Hungarian pat. spec.
kl. 21a4, 64-77, no. 147358, 15.8.1960)

TEXT: A design of the switch for co-axial lines is proposed in the
form of a metallic rod with a disk at its end; the rod is introdu-
ced into the line cavity through its outer conductor. When the disk-
ended rod is approached to the center conductor, a short-circuit
condition is established in the line. [Abstractor's note: Complete
translation].

Card 1/1

ALMASSY, G.; FRIGYES, I.

New microwave noise generator for the 2000 MC/s band. Periodica
polytechn electr 4 no.4:293-303 '60. (EEAI 10:6)

1. Institute of Wireless Telecommunication, Polytechnical University,
Budapest.

(Radio) (Microwaves) (Noise generators)

21764
H/012/61/009/004/001/002
B122/B227

6.4311

AUTHORS: Almásy, György, Doctor, Candidate of Technical Sciences,
first assistant to professor, Frigyes, István, research
engineer

TITLE: New microwave noise source for the 2000 Mc band

PERIODICAL: Mérés és Automatika, v. 9, no. 4, 1961, 106-110

TEXT: The authors have designed a gaseous-discharge super-high-frequency noise source which they describe and claim to be superior to others by its small size and simplicity. It has been developed from a standard 7/8 in. coaxial feeder on TEM (transverse electromagnetic) wave. The gas-discharge tube works as a loss line inside of the wave guide (Fig. 1). The equivalent circuit is represented in Fig. 2. The authors explain the theory of the noise source, the calculation of noise power, and the principles of dimensioning along the line of English-language publications. The equivalent noise temperature of thus designed noise sources will fairly approximate the electron temperature, known for a number of gases. They make a comparison with other types of noise sources: 1) earlier

✓

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H/012/61/009/004/001/002
B122/B227

New microwave noise source ...

microwave noise sources built as wave guides, with the discharge tube in the E-plane at an angle of 10° with the axis (Ref. 7). 2) Another solution is to place the discharge tube in the transversal plane of the wave guide at right angle to the E-lines (Ref. 2). In the 2000 Mc band, in consequence of the great dimensions associated with solutions 1) and 2), coaxial or other wave guides of TEM-wave form are preferable. 3) Another solution for the 2000 Mc band would be to use - instead of the coaxial wave guide - a spiral one with the discharge tube in it, a rather complicated arrangement (Ref. 10). The authors' solution has the advantage that it needs no aligning element for the discharge tube, further that the shot noise, dependent on the gas discharge tube current, does not appear at the output of the noise source. It can be proved theoretically that the noise output of the source depends only on the noise temperature of electrons. Measurements of the standing-wave ratio versus anode current and frequency, and of the output noise power versus tube current show that, at 150 ma tube current, the noise source is working under optimum conditions. The noise source designed by the authors serves, in principle, for a broader band than the conventional noise sources of the wave guide type, because the theoretically possible band width is the

Card 2/4

21764

New microwave noise source ...

II/012/61/009/004/001/002
B122/B227

transmission band of the wave guide and the latter is substantially narrower than the transmission band of the coaxial feeder. There are 4 figures, 3 tables, and 10 non-Soviet-bloc references. The three most recent references to English-language publications read as follows:
Ref. 2: Mumford, W. W.: A Broadband Microwave Noise Source. Bell Syst. Techn. J. v. 28, 1949, Oct., 608-618; Ref. 7: Johnson, H., De Remer, K. R.: Gaseous Discharge Super High Frequency Noise Source. Proc. IRE, vol. 39, 1951, Aug., 908-914; Ref. 10: Kollányi, M.: Application of Gas Discharge Tubes as Noise Sources in the 1700-2300 Mc/s Band. Journ. Brit. IRE, v. XIX, 1959, Sept., 541-548.

ASSOCIATION: Almásy, György: Vezetéknélküli Híradástechnikai Tanszék (Department for Wireless Telecommunication, Technical University); Frigyes, István: BHG (Telecommunication Equipment Works, Budapest)

SUBMITTED: February 10, 1961

Card 3/4

FRIGYES, L.; MAGY, L.

Hungarian short-microwave television communication. p. 72.

MAGYAR IRADASTTECHNIKA. (Iradasteknikai Tudomanyos Egyesulet) Budapest,
Hungary. Vol. 10, no. 2, Apr. 1959.

Monthly "ist of East European Accessions (EAI) LC, Vol. 8, no. 7, July 1959.
Uncl.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIGYES, L.

Soviet literature on myocardial infarct. Orv. hetil. 93 no. 36:1034-
1038 7 Sept 1952.
(CLML 23:5)

1. Doctor.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

ZADOR, I.; FRIGYESI, G.

Role of the vegetative nervous system in combines application of cardiazole and evipan. Magy. belorv. arch. 3 no.4:178-184 1950.

(CLML 25:5)

1. Doctors. 2. Department of Psychiatry and Neurology (Head Physician -- Dr. Imre Zador) of Janos Hospital (Director - Head Physician -- Dr. Erno Szinetar).

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIGYESI, Mendor

Remark about the article on forest renewal through planting
juniper seeds. Erdő 13 no.7:329-330 Jl '64.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

L. FRIGYIK

"The technical managers of the Railway Track Building and Renovating Enterprise in Debrecen do not care about workers' protection." p. 26. "Nearly 10 million florins for labor protection in metallurgy." p. 27. (TARSADALOMBIIZTOSITAS ES MUNKAVEDELEM, Vol. 5, no. 1/2, Jan./Feb. 1953, Budapest, Hungary.)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

FRIK, A.

"The Power Plant of the Diesel-Electric Vessel 'DNEPROGES,' " Morskoy Flot,
NO 4, 1957, U.

NECHAYEV, Vyacheslav Vasil'yevich; SEMENOVA, M.M., redaktor; FRIK, A.Q.,
redaktor; KRUGLIK, G.L., retsenzent; KHOVYAKOV, N.N., retsenzent;
VOLKOVA, Ye.D., tekhnicheskij redaktor.

[Ship's electrical equipment; with the principles of electrical
engineering] Sudovoe elekstrooborudovanie; s osnovami elektrotekhniki.
Moskva, Izd-vo "Rachnoi transport," 1954. 263 p. [Microfilm]
(Electricity on ships) (Electric engineering)

FRIK, A., inzhener.

[C]
Booster system for the electric drive of deck machinery. Mor.flot.16
no.6:20-22 Je '56. (MIRA 9:9)

1.Tekhnicheskoye upravleniye Ministerstva morskogo flota.
(Electricity on ships) (Boosters, Electric)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

NECHAYEV, V.V.; FRIK, A.O., redaktor.

[Electrical equipment for river boats] Elektrooborudovanie rechnykh
sudov. 2.izd. [Moskva] Vodtransizdat, 1953. 283 p. (MIRA 7:4)
(Electricity on ships)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

SOLOV'YEV, Nikolay Vladimirovich; STUKUSHIN, V.I., retsenzent; SOLOMATIN, V.M., retsenzent; ~~TRIK A.O.~~ redaktor; KAN, P.M., redaktor izdatel'stva; KRASHNAYA, A.K., tekhnicheskiy redaktor

[Electric propeller equipment for river boats fo the Rossia type] Elektrogrebnaia stanovka rechnykh sudov tipa "Rossiya." Moskva, Izd-vo "Rechnoi transport," 1957. 65 p. (MIRA 10:9)
(Ship propulsion, Electric)

FRIK, A., insheper.

Power plant on the diesel-electric ship "Dneproges." Mor. flot 17 no.4:
13-14 Ap '57.
(MLRA 10:4)

1. Tekhnicheskoye upravleniye Ministerstva morskogo flot.
(Dneproges (Ship)) (Diesel-electric power plants)

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FRIK, A. O.,
KHAYKIN, Abram Borisovich; FRIK, A.O., red.; IVANOV, K.A., red.;
BEGICHEVA, M.N., tekhn.red.

[Electric propulsion of ships] Elektrosvizhenie sudov. Moskva,
Izd-vo "Morskoi transport," 1957. 154 p. (MIRA 11:1)
(Ship propulsion, Electric)

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CIA-RDP86-00513R000513720020-1"

ITSKOVICH, Yuriy Leonidovich; FRIK, A.O., red.; ALEKSANDROV, L.A., red.
izd-va; TIKHONOVA, Ye.A., tekhn.red.

[Present-day electric equipment for seagoing vessels] Sovremennoe
elektrooborudovanie morskikh sudov. Moskva, Izd-vo "Morskoi transport,"
1957. 187 p.
(Electricity on ships)

FRIK, A.O.

ATSKOVICH, Yuriy Leonidovich; FRIK, A.O., redaktor; MELEYEV, A.S., redaktor
izdatel'stva; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Control of electric drive for ships] Upravlenie sudovymi elektro-
privodami. Moskva, Izd-vo "Morskoi transport," 1957. 387 p.
(Electricity on ships) (MLRA 10:9)
(Electric driving)

SUSLIN, Pavel Pavlovich. Prinimoli uchastiye: MATVEYEV, Ye.N., kand.
tekhn.nauk; FRIK, A.O., inzh., red.. SEMENOVA, S.A., red.izd-va,
LAVRENOVA, N.B., tekhn.red.

[Manual for a ship electrician] Posobie dlja sudovogo elektrika.
Pod red. A.O.Friks. Izd.3. Moskva, Izd-vo "Morskoi transport,"
1959. 373 p. (MIRA 12:11)
(Electricity on ships) (Electric engineering)

MECHAYEV, Vyacheslav Vasil'yevich; YAKOVLEV, G.S., retsensent; CHICHKIN,
V.M., retsensent; PRIK, A.O., inzh., red.; SHLENNIKOVA, Z.B.,
red.izd-va; POMOLECKINA, M.I., tekhn.red.

[Electric equipment of ships used in inland-water transportation]
Elektricheskoe oborudovanie sudov vnutrennego plavaniia. Moskva,
Izd-vo "Rechnoi transport," 1960. 341 p.

(MIRA 14:4)

1. Načhal'nik otdela elektroradiooborudovaniya i avtomatiki
TSentral'nogo tekhniko-konstruktorskogo byuro (for Yakovlev).
(Inland water transportation)
(Ships--Electric equipment)

MELESHKIN, Georgiy Aleksandrovich; FRIK, A.O., red.; ANDREYEVA, L.S.,
red. izd-va; KHLOPOVA, L.K., tekhn. red.

[Self-controlled synchronous voltage generators for ships]
Sudovye sinkhronnye generatory s samoregulirovaniem nap-
riazheniya. Moskva, Izd-vo "Morskoi transport," 1962. 76 p.
(MIRA 15:4)

(Electric generators) (Electricity on ships)

NECHAYEV, Vyacheslav Vasil'yevich; STUKUSHIN, V.I., inzh., retsenzent;
KHOKHLOV, G.P., elektromekhanik, retsenzent; FRIK, A.O., red.;
KAN, P.M., red. izd-va; REMNEVA, T.T., tekhn. red.

[Electric equipment of ships] Elektrooborudovanie sudov. Moskva,
Izd-vo "Rechnoi transport," 1962. 208 p. (MIRA 15:11)

1. Rechnoy Registr RSFSR (for Stukushin). 2. Rechnoy teplokhod
"Sovetskiy Soyuz" (for Khokhlov).
(Electricity on ships)

FRIK, A.O., red.; STUKUSHIN, V.I., otv. za vypusk; LOBANOV, Ye.M.,
red. izd-va; BODROVA, V.A., tekhn. red.

[Rules for the construction of steel ships for inland
navigation. In effect by order No.176 of the Ministry of
the River Fleet of August 11, 1962] Pravila postroiki stal'-
nykh sudov vnutrennego plavaniia. Vvedeny v deistvie pri-
kazom MRF No.176 ot 11 avgusta 1962 g. Moskva, Izd-vo
"Rechnoi transport." Pt.5. [Electric equipment] Elektro-
oborudovanie. 1963. 141 p. (MIRA 16:8)

1. Russia (1917- R.S.F.S.R.) Rechnoy registr.
(Electricity of ships)

SOLOMATIN, V.M.; YAURE, A.G., inzh., retsenzent; KONSTANTINOV, V.P.,
retsenzent; PETUKHOV, M.N., retsenzent; KRUGLIK, G.L.,
retsenzent; TUPITSA, I.S., retsenzent; FRIK, A.O., inzh.,
nauchn. red.

[Manual for ship engineers and electricians] Spravochnik
elektromekhanika i elektrika sudna. Moskva, Izd-vo
"Rechnoy transport," 1963. 713 p. (MIRA 17:2)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

ANTONOV, Sergey Ivanovich, inzh.; Prinimal uchastiye ITSKOVICH,
Yuriy Leonidovich; FRIK, A.O., red.

[Diesel-electric motorships] Dizel'-elektrokhody. Moskva,
Transport, 1964. 307 p. (MIRA 17:8)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

SUSLIN, Pavel Pavlovich. Prinimal uchastiye FRIK, A.O., inzh.

[Manual for the ship electrician] Posobie dlja sudovogo
elektrika. Izd. 4. Moskva, Transport, 1964. 391 p.
(MIRA 18:1)

RODZHEVO, N.I.; PERLIN, A.I.; FRIK, A.G., red.

[Operation of the electrical equipment of ships] Eks-
ploatatsiya sudovogo elektrosterudovaniia. Moskva,
Transport, 1964. 299 p. (MIRA 18:1)

NORNEVSKIY, Boris Ivanovich; TARATYNOV, Ivan Afanas'yevich
[deceased]; MORDOVIN, B.M., prof., retsenzent; PAIN, B.S.,
dots., retsenzent; MURATOV, I.I., kand. tekhn. nauk,
retsenzent; FRIK, A.O., inzh., red.; KAN, P.M., red.

[Electrical equipment of ship and shore stations and sub-
stations] Elektricheskoe oborudovanie beregovykh i sudo-
vykh stantsii i podstantsii. Moskva, Transport, 1965. 334 p.
(MIRA 18:5)

POLONSKIY, Vladimir Ivanovich; KHOMYAKOV, N.M., doktor tekhn. nauk
prof., retsenzent; GRITSENKO, P.I., kand. tekhn. nauk, dots.
retsenzent; FRIK, A.O., inzh., nauchn. red.; KAN, P.M., red.

[Electric equipment and electric propulsion of ships]
Elektrooborudovanie i elektrodvizhenie sudov. Moskva,
Transport, 1965. 321 p. (MIRA 18:12)

FRIK, M. Ya.

✓ 2168. An experiment on the treatment of dysentery in adults with purified furazoline (I-6). S. D. Charnii, A. F. Blüger, and M. Ya. Frik Zb. Mikrobiol., 1955, No. 2, 59-62; Referat Zb. Biol., 1955, Attr. No. 79477.—Furazoline was used on 316 patients with various forms of bacterial dysentery and for excretion of 7 excretions within a period of 8 days, up to 0.1 g. 6 times a day. The clinical recovery of the patients was observed up to the end of the week. Valuable properties of the prep. are the stimulating effect on leucopoiesis, the phagocytic function of leucocytes, and the processes of healing of wounds. (Russian) F. McSECRETARY

3

GLADKOV, A., prof.; FRIK, N., red.; TEL'PIS, V., tekhn. red.

[Fluorescence analysis in medicine] Luminestsentnyi analiz v meditsine. Kishinev, Gos. izd-vo Moldavii, 1958. 161 p.
(MIRA 11:11)

(FLUORESCENCE)

MATVEYEV, Lev Vasil'yevich; FRIK, N., red.; TEL'PIS, V., tekhn.red.

[Securing the strength of sawn-limestone structures] Voprosy
obespecheniya monolitnosti kladok iz pil'nykh izvestniakov.
Kishinev, Gos.izd-vo "Kartia Moldoveniaske," 1959. 102 p.
(MIRA 13:2)
(Limestone)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

GLAIKOV, A.A.; FRIK, N., red.; BELOUSOVA, L., tekhn.red.

[Endophotocinematography in otorhinolaryngology] Endofoto-
kinematografija v otorinolaringologii. Kishinev, Gos.izd-vo
"Karta Moldoveniaske," 1959. 118 p. (MIRA 13:9)
(OTOLARYNGOLOGY) (PHOTOGRAPHY, MEDICAL)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIKHMAN, B.A.; OGLOBLINA, L., red.; KLEUSOVA, A., tekhn. red.

[Optical standardization of bacterial preparations] Opticheskaiia standartizatsiia bakteriinykh preparatov. Moskva, Biuro nauchnoi informatsii, 1960. 263 p. (MIRA 15:1)
(BACTERIOLOGY)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

VOLNETS, O.N.; FLEROV, G.B.; FRIKH-KHAR, D.I.; SHILIN, N.L.

Evolution of the Tertiary igneous activity in the central range
of Kamchatka. Geol. i geofiz. no.5:103-107 '63. (MIRA 16:8)

1. Kamchatskaya geologo-geofizicheskaya laboratoriya Sibirskogo
otdeleniya AN SSSR.

(Kamchatka—Geology, Structural)
(Kamchatka—Rocks, Igneous)

VOLCHANSKAYA, I.K.; FAVORSKAYA, M.A.; FRIKH-KHAR, D.I.

Petrographic and geomorphologic studies of Cenozoic effusives carried out
in a region of Kamchatka. Sov.geol. 6 no,2:91-109 F '63.

(MIRA 16:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii
i geokhimii.

(Kamchatka—Petrology) (Kamchatka—Geomorphology)

VOLYNETS, O.N.; KOLOSKOV, A.V.; FLEROV, G.B.; FRIKH-KHAR, D.I.; SHILIN, N.L.

Formational delineation of Tertiary plutonic and volcanic-plutonic
formations in central Kamchatka. Dokl. AN SSSR 165 no.1:153-155
(MIRA 18:10)
N '65.

1. Institut vulkanologii Sibirskogo otdeleniya AN SSSR. Submitted
March 10, 1965.

KASHIRIN, N.A.; GLADKOVSKIY, V.A.; FRIKKE, S.A.; Prinimali uchastiye:
POPOV, N.P., inzh.; BARYSHEV, S.P., inzh.; SUVOROVA, V.I.,
inzh.; SERGEYEV, I.I., inzh.

Effect of expanding on the distribution of residual stresses
in large-diameter pipes. [Sbor. trud.] Nauch.-issl.inst.met.
no.4:158-163 '61. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut metallurgii (for Kashirin,
Gladkovskiy). 2. Ural'skiy nauchno-issledovatel'skiy trubnyy
institut (for Frikke).

(Expanded metal)
(Strains and stresses)

FRIKKE, S.A.

PAGE 1 SOVIET EXPLOITATION

25(1)

SOV/3421

Akademie nauk UkrSSR, Kiev, Institut Tekhnicheskogo Inzheneringa Ye.O. Petona
Vidnomylynykh sposebov stvarkiv v proizvodstve, TPP-2 (Introduction of
New Welding Methods in Industry) Collection of Articles, No. 2 Kiev, Ukraine.
Sverg. tishn. 11-77. Otdeleniye Nauk, 1979. 196 p. Kratkiy slip inserted.
2000 copies printed.

M. I. V. Garmashov Tech. Ed. S. M. Neimark.

PURPOSE: This book is intended for workers in the welding industry.
CONTENTS: The book contains a discussion of welding technique and problems by
a group of scientists and workers. Much attention is given to problems in
application of new methods of mechanized welding and electric-arc welding.
This is the second collection of articles under the same title prepared and
published by the Institute of Technical Sciences and Ye.O. Peton (Institute of
Technical Welding) Kiev Ye.O. Peton. The preface is written by Ye.O. Peton.
Association of the Ukrainian Academy of Sciences and Winner of the Lenin Prize.
There are no references.

Table A-1. [Budinov], Yu. A. [Strelkovskiy (Candidate of Technical
Sciences)], V.M. Khimichuk [Physicist; Institute of Metal Physics], D.A.
Avtoshev [Physicist; University served until 1971 (part
time in Chernivtsi)], V.I. Rabinovich [Engineer; Bureau of
Inventor (Central Boiler Plant)], M.V. Cherenko [Engineer; Sovo-
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Table A-2. [Sokolov Buzinov], A. N. [Makarev (Candidate of Technical Sciences)],
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Institute of Technical Sciences, Ye.O. Peton (Electric Welding
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Department], Doctor of Technical Sciences, Ye.O. Peton [Head of
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[Head of Institute (Head of Mechanical Institute)]. Electro-
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Khobolyan, I. E. [Candidate of Technical Sciences], V. P. Michailovskiy-
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elektrosvarki, Ye.O. Peton (Electric Welding Institute) Head
Ye.O. Peton], L. A. Tolokno [Shop Personnel; Develops new welding
method], G. I. Petrovsky [Technologist (Medium Pipe)], V. P. Korolev [Shop Supervisor
Aluminum-welding], N. P. Tikhomirov [Technologist (High-vacuum
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of Institute of Technical Sciences, University Institute of Technical
Sciences and Research Institute of Technology and Research], Chernihiv
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V. V. Prokof'yev [Head of Institute of Pipe Plant], New Techniques
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Section A-4. [Budinov], Yu. A. [Strelkovskiy (Candidate of Technical Sciences)],
Ye.O. Peton [Head Administration of Pipeline Construction], and
V. V. Prokof'yev [Head Administration of Pipeline Construction];
A. J. Turbinov [Chief of the Department of Gas Pipeline Construction];
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Section A-5. [Candidate of Technical Sciences], Ye.O. Peton, Ye.O. Peton
Institute Ye.O. Peton [Head of Institute], V. V. Sharov [Head
of Institute Ye.O. Peton], V. V. Sloboda [Head of Institute],
Ukrainian Research Institute for Petroleum Administration, and
Ye.O. Peton [Head of Construction and Assembly Administration
No. 701, Sovet 7, Ministerstvo strylo, i zem. zhelyz. (Ministry of Con-
struction, Trade 7)]. Introduction of the Method for Weldments in the
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FRIKKE, S. A.

PHASE I BOOK EXPLOITATION

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Al'kalajev nauk USSR, Kiev. Institut elektrvergazuvaniya
 Prudenskiy bytym sposobov svarki v proizvlyenosti; obzrik statey.
 TIP. J. [Introduction of New Welding Methods in Industry; Col-
 lection of Articles, v. 3] Kiev: Gos. Izd-vo Tekhn. Lit-ry
 URSR, 1960. 207 p. 5,000 copies printed.
 Sponsoring Agency: Ordens Trudovogo Kraynogo Znameni Institut
 elektroverskoy i metal'noy akademii Te. O. Patona Akademii nauc
 Ukrainskoj SSR.

Ed.: M. Piatenko; Tech. Ed.: S. Matusevich.

PURPOSE: This collection of articles is intended for personnel in the welding industry.

COVERAGE: The articles deal with the combined experiences of the Institute of Electric Welding, Kiev, Ye. O. Paton (Electric Welding Institute, Kiev, Ye. O. Paton) and several industrial enterprises to solving scientific and engineering problems in welding technology. Problems in the application of new methods of mechanized welding and electric arc welding in industry are discussed. This is the third collection of articles published under the same title. The foreword was written by B. Ye. Paton, Academician of the Academy of Sciences Ukrainian SSR and Lenin prize winner. There are no references.

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 I. S. Smirnov [Research Engineer, Electric Welding
 Institute, Kiev, Ye. O. Paton], I. O. Balunkov [Chief
 Mechanic, Belgorodsky Besseyevskyi svod (Belgorod Cement
 Department, Transbaikaliy zavod "Sibtruboch" Engineering
 Design Office, Machinery Plant), and V. G. Golikov
 [Senior Heavy Machinery Engineer, Sverdlovsk Tractor,
 Large Type-300 Steel Tie-Rings for Cement Kilns
 Works], and B. P. [Candidate of Technical Sciences, Electric
 Welding Institute, Kiev, Ye. O. Paton] A. I. Al'kalajev
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FRIKKE, S.A., inzh.; GLADKOVSKIY, V.A., kand.tekhn.nauk

Strains and the plasticity of metal in the manufacture of electrically
welded expanded pipe for [REDACTED] Stal' 22 no.1:53-56 Ja '62.
(MIRA 14:12)

1. Ural'skiy nauchno-issledovatel'skiy trubnyy institut i
Chelyabinskii nauchno-issledovatel'skiy institut metallurgii.
(Pipe mills)
(Strains and stresses)

FRIKKE, S.A.

New direction in the expansion of the pipe industry. Stal' 22
no.4:337-338 Ap '62. (MIRA 15:5)

1. Ural'skiy nauchno-issledovatel'skiy trubnyy institut.
(Pipe mills)

FRIKKE, S.A., inzh.; KAGAN, N.I., inzh.

Mastering the procedure for producing gas pipes by continuous
furnace welding. Stal' 22 no.10:929-931 0'62. (MIRA 15:10)

1. Ural'skiy nauchno-issledovatel'skiy trubnyy institut.
Chelyabinskiiy truboproykatnyy zavod.
(Gas pipes—Welding)

SHUBIK, M.A., inzh.; FRIKKE, S.A., inzh.; ROZENFEL'D, N.B., inzh.; MOTRIY, D.Ya.,
inzh.; MATVEYEV, Yu.M., doktor tekhn.nauk

Producing tubes of economical section on pilger mills. Stal' 23 no.4:
346-348 Ap '63. (MIRA 1614)

Ural'skiy nauchno-issledovatel'skiy trubnyy institut i Chelyabinskiy
truboproykatnyy zavod.

(Pipe mills)

FRIELING W.

Electronic industry in 1961; quantitative apparatus. p. 12.

PRZEGLAD TECHNICZNY. (Miezczna Organizacja Techniczna) Warszawa, Poland.
Vol. 'C, no. 22, June 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959.

Uncl.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIM, S. E. and TIMOFEEVA, A.V.

Course in General Physics, Part II, Ed. 4-e, GITTL (1952) p. 145

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

POLYAK, Mark Uriyevich; FRIMAN, Il'ya Naumovich; TYULIAYEV, A.N.,
otv. red.; BOGACHEVA, G.V., red.; ROMANOVA, S.F., tekhn.red.

[KRR apparatus] Apparatura KRR; informatsionnyi sbornik.
Moskva, Sviaz'isdat, 1963. 158 p. (MIRA 16:10)
(Telephone--Equipment and supplies)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

GOLOVANOV, A. (Chelyabinsk); FRIMAN, L. (Chelyabinsk)

Manifold metal rolling. Izobr. i rats. no.12:30 '63.
(MIRA 17:2)

1. Rukovoditel' prokatnoy gruppy Gosudarstvennogo soyuznogo
instituta po proyektirovaniyu metallurgicheskikh zavodov
(for Golovanov). 2. Rukovoditel' ekonomicheskoy gruppy Gosu-
darstvennogo soyuznogo instituta po proyektirovaniyu metal-
lurgicheskikh zavodov (for Friman).

ISAKOV, A.A. (Kemerovskaya oblast'); ZHURGARAYEV, Amangel'dy (Dzhambul'-skaya obl., KazSSR); VLADIMIROV, A. (Asbest); FRIMAN, L.I. (Yaroslavl'); KILIMNIK, Ya.Ye. (Vinnitsa); TEREKHOV, I.A. (Skopin); AKDAULETOV, N.A. (pos.Mertuk. KazSSR); ZAKHARKIN, V.Ye. (pos.Rudtsev, Tul'skaya oblast'); SHESTOPAL, G.A. (Moskva); KOTIY, O.A. (Yaroslavl'); GAUKHMAN, V.A. (Moskva); LOPSHITS, A.M. (Yaroslavl'); SERGUSHOV, S.A. (Yaroslavl'); GOTMAN, E.G. (Pechora); VETROV, K.V. (Putintsevo, Vostochno-Kazakhstanskoy obl.); MIKHELEVICH, Sh.Kh. (Daugavpils); SKOPETS, Z.A. (Yaroslavl'); RYBAKOV, L.M. (Yaroslavl'); CHEGODAYEV, A.I. (Gavrilov-Yam)

Problems. Mat.v shkole no.6185-92 N-D '62. (MIRA 16:1)
(Mathematics—Problems, exercises, etc.)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1

FRIMAN, M.Ye.

Clinical units for indicating enzyme activity. Vop. med.
khim. 7 no.3:333 My-Je '61. (MIRA 15:3)
(ENZYMES)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

TEMIN, L.S.; FRIMAN, Yu.M.

Studying the complex gas-water surface in the Severnyi
Stavropol gas field. Gaz. prom. 8 no.6:5-10 '63.
(MIRA 17:8)

KOZLOV, A.L.; MINSKIY, Ye.M.; FISH, M.L.; FRIMAN, Yu.M.

Analyzing the development of the Khadum gas pool in the North
Stavropol-Pelagiadi gas field. Trudy VNIIGAZ no.19/27:5-23
(MIRA 17:8)

Determining gas reserves from the drop in reservoir pressure.

Ibid. 24-42

1. Redaktor zhurnala "Trudy Vsesoyuznogo nauchno-issledovatel'-
skogo instituta prirodnnykh gazov" (for Minskiy).

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PRIMAN, Yu.M.

Geological field observations of the central part of a large
gas field of the North-Stavropol' locality, Irkutsk VNIIGAS
no.19/27:71-76 '64 (N:RA 17:3)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513720020-1"

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Study of the secondary emission from cuprous oxide pure or treated with alkali metals. A. I. Fainer. *J. Tech. Phys.* (U. S. S. R.) 10, 305-307 (1940). The secondary emission from Cu_2O is somewhat smaller than from pure Cu. ($\sigma \approx 1.17$ for Cu_2O and 1.35 for Cu.) It was found that σ increases up to six if Cu_2O is treated with alkali metals (Cs, K, Rb) and that the absorption of gas in Cu_2O also causes the increase of σ . On the other hand, the heating of Cu_2O to 400° does not affect σ at all. The energy distribution of secondary electrons in Cu_2O is practically the same as in Cu, but for Cu_2O treated with alkali metals this distribution differs quite essentially, showing the predominance of a large no. of slow electrons. In the mechanism of secondary emission of complex emitters the important role is played by the peculiar Mauter-effect, i.e.,

the formation on the surface of a positively charged layer which extracts secondary electrons. Rokselana Gamow

AND USE - INFORMATIONAL LITERATURE CLASSIFICATION

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FRIMER, A. I.

USSR/Physics

Microscopes, Electron
Medicine - Microscopy

Nov 1947

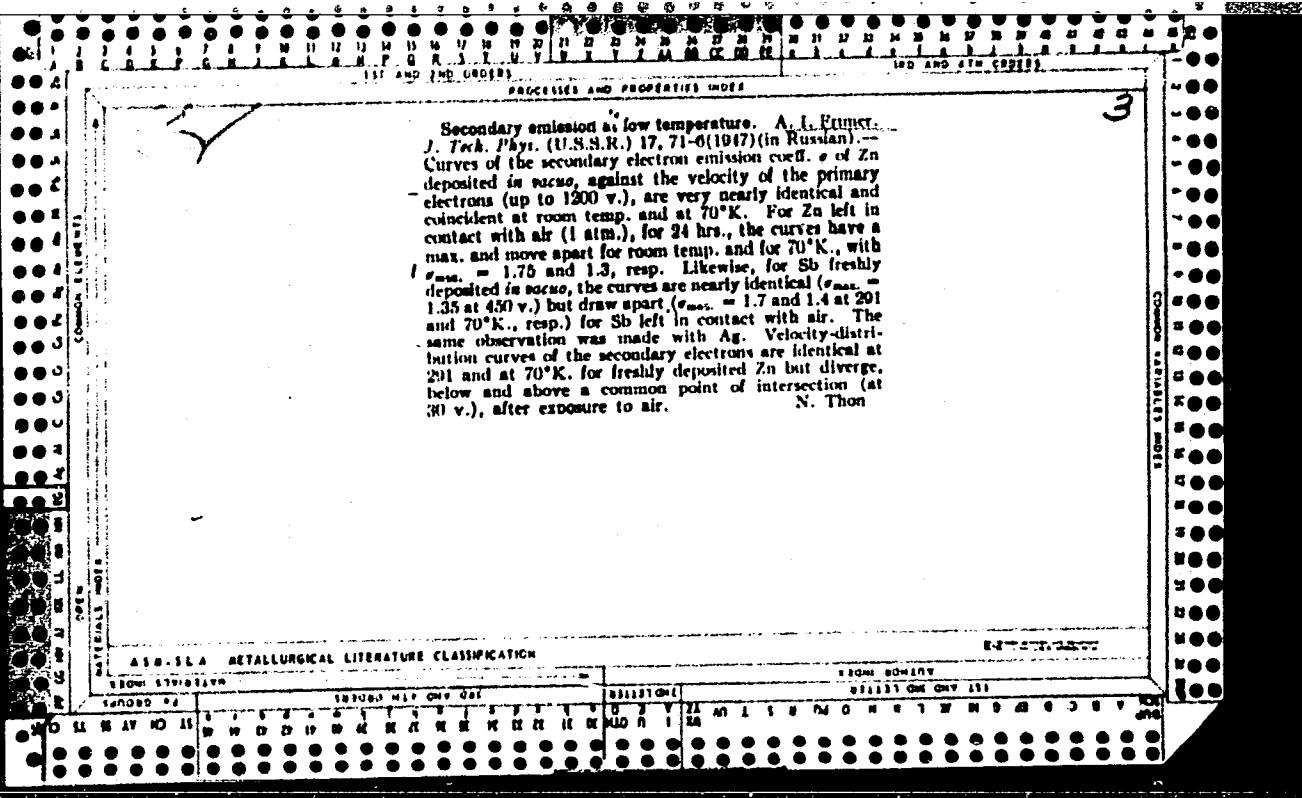
"The Use of the Electron Microscope," A. I. Frimer, S. L. Pupko, Scientific Research Institute, Ministry of Electrical Industry, 13 pp

"Zavodskaya Laboratoriya" Vol XIII, No 11 - M-1371-87

PA 36T101

Describes the principle of operation of a microscope. Discusses methods for studying an object, oblique illumination method of studying an object, methods for increasing the contrast. Authors state that due to the electron microscope, an entirely new field has been opened up and that more discoveries will be made as the power of the microscope is increased and techniques are improved.

PA 36T101



File Name:

1257. Study of Secondary Emission at Low Temperature, by A. I. Frimer, *Zhurnal Tekhnicheskoi Fiziki* 27, No. 1, January 1947. 6 p. (In Russian)

A series of measurements illustrated by graphs with conclusions.

USSR/METALS

May 1971

Aluminum

Microscopes, Electron

"Use of an Electron Microscope for Studying Aluminum and Its Alloys," S. I. Pukko, A. I. Primor, 2 pp

"Dok Ak Nauk" Vol LVII, No 7

Discusses results obtained as a result of electron microscope studies of aluminum and its alloys. One of the sidelights of this study was that the authors discovered a new method for obtaining oxidized aluminum replicas. Observations were conducted on a 100 kv electron microscope, which had a power of 40,000 X at 30 angstrom units. Academicians A. A. Lebedev, and

LC

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~~EDISON~~ A.I. FRIMER, A.I.

Electron-microscopic study of peculiarities of structure of deformed aluminum monocrystals. V. I. Likhman, A. I. Frimer, and S. L. Pupko (Elec. Ind., Ministry, Moscow). *Doklady Akad. Nauk S.S.R.* 58, 827-30 (1947). - Stretching a monocrystal of Al in paraffin oil and in cetyl ale. (0.3% in paraffin oil) was followed by electron-microscopic examination at 10,000 X. The undeformed crystal is a well-defined cube with traces of slip-planes. Stretching by 75% in nonpolar medium produces slips along the octahedral planes; no sign of double-slip was seen. In all cases dark bands of irregular shape were observed going in all directions; these are scores or grooves going deeply into the crystal mass. Deformation in presence of the polar substance causes disappearance of the orderly translation of crystal parts along one octahedral slip dimension. Apparently in the presence of surface-active materials slip occurs in several systems. The micro-cracks are very extensively developed reaching several microns in diam.; these have wedge-shaped appearance.

G. M. Kosolapoff